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### ABSTRACT OF THE DISCLOSURE

An imaging apparatus (50) for generating an image signal from incident light with higher spatial frequencies of the incident light limited to reduce undersampling artifacts. Apparatus (50) includes ~~an~~<sup>a</sup> detector plane (62) for generating the image signal from an array of photosites, (63) and an optical section having a relatively thin lithium niobate rhomboidal filter (51) interposed in the path of the incident light so as to produce a blurred image on the photosites. A filter configuration is disclosed which produces four spots (58) at the imaging sensors (62) positioned at the corners of a rhombus.

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